

REMARKS/AMENDMENTS:

Claims 1-28 were pending in this application.

Claims 1-2, 12-27 have been cancelled. Of these, the non-elected claims 12-26 have been canceled as having been directed to non-elected claims, based on the Examiner's advice in Office Action mailed May 12, 2005. In cancelling these claims, applicants reserve the right to file one or more divisional or continuation applications directed to subject matter thereof.

Claims 3-6, 8, 11 and 28 have been amended.

Claims 3-11 and 28 remain.

Applicants acknowledge the Examiners indication of allowance of claims 8-11; and conditional allowability of claim 3-7 and 28 if amended for independent form and to include the limitations of associated base claims.

Claims 1, 2, and 27 were rejected under 35 USC 103(a), as being unpatentable over Horch (US 6,888,176 B1). These claims have been cancelled rendering the rejection moot.

Claims 3-7 were objected to as having been dependent on a rejected base claim 1.

Claim 3 has been amended to be in independent form and to include limitations of the previous base claims. Accordingly, applicants submit that independent claim 3 is now in condition for allowance.

Claim 4 has been emended to be in independent form and to include the limitations of its previous base claim. Accordingly, applicants submit that independent claim 4 is now in condition for allowance. Likewise, it follows that associated dependent claim 5 also is allowable at least for reason of depending on an allowable base claim.

Claim 6 has been emended to be in independent form and to include the limitations of its previous base claim. Accordingly, applicants submit that independent claim 6 is now in condition for allowance. Likewise, it follows that associated dependent claim 7 also is allowable at least for reason of depending on an allowable base claim.

Applicants acknowledge the Examiner's allowance of claims 8-11.

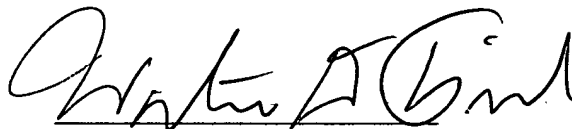
Relative to some of the amendments to the claims – e.g., claims 5, 8 and 11 – applicants submit that these amendments may be found to improve their readability and to merely recite more clearly that which had already been implicit therein.

Claim 28, previously dependent upon independent claim 27, was objected to as being dependent upon a rejected independent claim 27. Applicants have amended claim 28 to be in independent form and to include the limitations of its previous base claim. Accordingly, applicants submit that claim 28 is now in condition for allowance.

Applicants believe no additional claim fees are due in connection with this reply.

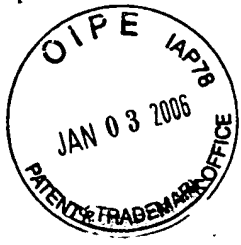
In view of the above amendments and remarks, applicants respectfully request the allowance of claims 3-11 and 28 and the same for this application.

Respectfully Submitted,
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A handwritten signature in black ink, appearing to read 'Walter D. Fields', is written over a horizontal line.

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**RECEIPT IS HEREBY ACKNOWLEDGED BY THE U.S. PATENT
AND TRADEMARK OFFICE OF THE FOLLOWING:**

- 1) Response to Office Action dated 10-12-2005;
- 2) Transmittal; and
- 3) Return Postcard.

In re Patent Application of: Farid Nemati, et al.
Serial No.: 10/741,539
Filing Date: December 19, 2003

Title: THYRISTOR-BASED MEMORY AND
ITS METHOD OF OPERATION

Attorney: Walter D. Fields
Docket No.: 2000.010.00/US
Date Mailed: December 28, 2005